

ALASKA CHINOOK SALMON CATCH, HARVEST LIMITS,  
AND ANNUAL DEVIATIONS FROM PACIFIC SALMON TREATY ALLOCATIONS;  
1985 THROUGH 1996



By  
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## INTRODUCTION

Since 1985, Alaska has been managing the Southeast Alaska (SEAK) chinook fishery under the conditions of the Pacific Salmon Treaty (PST). The PST requires that the all-gear catch of chinook salmon designated as “Treaty” fish not exceed a set PST Quota each year. In addition to the Treaty salmon, the PST allows for the unlimited harvest of Alaska hatchery produced chinook salmon (“add on”). Allocations have also been set for individual gear types since 1985. This paper describes the history of the allocations, the catch by gear type of Treaty fish, and add-on fish since 1985.

## ALASKA HATCHERY ADD-ON

Where chinook salmon are concerned, the goal of the PST was to rebuild depressed stocks. Parties to the PST recognized that there was little incentive for Alaska to produce hatchery chinook salmon if there was no subsequent increase in the catch level related to that production. Thus, to encourage the production of chinook salmon, the add-on concept was developed. The add-on is the number of Alaska hatchery produced chinook salmon minus: 1) 5,000 for pre-treaty catches of Alaskan hatchery chinook salmon, and 2) a risk factor. The risk factor is the standard deviation of the estimate of the total number of Alaska hatchery chinook salmon. The number of Treaty fish is the total catch minus the add-on.

### *Background*

In 1985, the United States and Canada signed the PST which includes provisions for management and conservation of chinook salmon. The Treaty chinook stocks include primarily those that migrate north and are caught in the fisheries of each country. Implicit in the agreement is a sharing arrangement for chinook stocks that migrate from origins in southern U.S. (Washington and Oregon) waters and are caught in Southeast Alaska fisheries. As a part of the initial sharing arrangement for the chinook salmon fishery in Southeast Alaska, ceiling fisheries were established for the major chinook salmon fisheries in Canada as well as Southeast Alaska. The ceiling fisheries were intended to be managed such that the ceiling number would be met annually. In order to ensure these harvests were attained as closely as possible, a management range was established in 1987. The range was 7.5% of the ceiling. Excess harvests or shortfalls within the cumulative range could be added or subtracted from the next years catch. Deviations greater than the 7.5% range had to be made up in the next year. Deviations less than the 7.5% range could not be made up.

Quota management for Southeast Alaska fisheries actually began in 1980 when the North Pacific Fisheries Management Council (NPFMC) imposed guideline harvest levels (ghl), primarily for the conservation of the Columbia upriver bright stock. There were ghls in 1980 through 1984. Though ghls applied to all commercial fisheries, only the commercial troll fishery was actively managed to ensure compliance. The drift gillnet fishery had already been regulated through time closures beginning in 1975 and the purse seine fishery was not considered a large harvester of chinook salmon. At the time, there was

little growth in the sport fishery and it was assumed to harvest approximately 20,000 fish per year. But, in 1982, the net fisheries harvested a record 49,000 treaty chinook and 32,400 and 34,700 in 1984 and 1985 respectively. In 1987, the Alaska Board of Fisheries (Board) took action and limited the total net fishery harvest of treaty chinook salmon to 20,000. This was divided among the groups as: purse seine; 11,400, drift gillnet; 7,600; and, set gillnet, 1,000.

It wasn't until 1992 that there was an allocation for the sport fishery. The allocation occurred following two consecutive chinook harvests above the PSC ceiling by Southeast Alaska fisheries. The overages were due primarily to underestimates of the sport fishery in 1990 and 1991. When the actual totals from the mail-out survey were known in the fall of 1991, the result was that Alaska was 38,000 fish or 14% above the goal. At this time the board established an allocation of chinook salmon between the commercial troll and sport fisheries. The allocation for the total number of Treaty fish was: 20,000 for the combined nets, 83% of the remaining number for the troll fishery and 17% of the remaining number for the sport fishery. The board further stated that in making up the PST overage, the sport fishery for 1992 was to reduce their allocation by an additional 1,700 fish and that the troll fishery would make up the rest. In 1992, the troll fishery was managed to reduce their allocation by 28,000 chinook.

At the 1992 SEAK meeting, the board also established regulations for cumulative harvests by gear group. They included in regulation that: when computing harvest sharing, the department shall take into consideration that the PSC's annual harvest ceiling includes the first 5,000 Alaska-hatchery-produced fish; the department shall calculate overages and underages in harvests for each gear group on an annual basis; the department shall manage each gear group so that the gear group stays within the 7.5% of its harvest share; and, any risk adjustment factor imposed by the PSC for computing Alaska hatchery contribution shall be applied separately for each gear group. The board revised the sport troll allocation in 1994. The sport portion of the allocation increased 1% for each of the next three years to a final 20% of the fish divided between sport and commercial troll fisheries.

### ***All Gear Total and Treaty Harvests***

Catches of chinook salmon by gear type since 1979 are shown in Table 1. Catches since 1979 are used since 1979 is the beginning of the base period for all PST data comparisons. The largest chinook salmon harvest in this period occurred in 1979, with 379,300 fish. Prior to the signing of the treaty in 1985, there was no add-on and therefore no distinction between Treaty and add-on fish. Catches generally decreased until 1985 and then remained relatively stable in the 275,000 to 290,000 range until 1990 when the total climbed to 366,900. Catches again dropped to a low in 1996. Catches of Alaska hatchery produced chinook since 1985 were lowest in 1985 and continued to climb to highs 1991 and 1996. By gear-type, since 1985, troll accounted for most of the harvest of Alaska hatchery chinook (55% ) followed by sport fish (23%), drift gillnet (15%), and purse seine (7%) (Tables 2 and 3). The sport fish portion of the catch has remained relatively stable since 1985 while the troll portion has steadily declined; the difference has been taken up by net gear.

Table 1. Total harvest of chinook salmon and Treaty chinook salmon in Southeast Alaska since 1979.

YEAR	TREATY				TOTAL			
	TROLL	NET	SPORT	TOTAL	TROLL	NET	SPORT	TOTAL
1979					334,306	28,455	16,581	379,342
1980					303,885	20,114	20,213	344,212
1981					248,791	18,951	21,300	289,042
1982					242,315	48,999	25,756	317,070
1983					269,790	19,655	22,321	311,766
1984					235,629	32,398	22,050	290,077
1985	212,166	34,168	23,031	269,365	216,086	34,715	24,858	275,659
1986	231,590	20,483	19,185	271,258	237,652	22,099	22,551	282,302
1987	231,025	13,952	20,454	265,431	242,562	15,532	24,324	282,418
1988	217,075	17,443	22,248	256,766	231,373	21,787	26,160	279,320
1989	224,209	18,541	26,792	269,542	235,717	24,242	31,071	291,030
1990	263,574	16,100	41,360	321,034	287,939	27,712	51,218	366,869
1991	231,616	19,977	45,130	296,723	264,051	32,832	60,492	357,375
1992	162,522	23,994	35,346	221,862	183,647	32,128	42,892	258,667
1993	212,326	16,499	42,691	271,516	226,865	27,991	49,246	304,102
1994	177,068	23,263	35,500	235,831	186,199	35,654	42,365	264,218
1995	115,227	28,599	34,870	178,696	138,115	47,964	49,667	235,746
1996	108,205	9,412	31,398	149,015	141,399	37,342	38,485	217,226

Table 2. Harvest of Alaska hatchery produced salmon by gear type, 1985 through 1996.

Year	Annette Island	Drift Gillnet	Purse Seine	Set Gillnet	Sport	Troll	Total
1985	0	979	153	0	3,372	8,118	12,622
1986	0	1,440	939	0	5,010	9,883	17,272
1987	0	1,846	199	4	5,108	16,223	23,380
1988	12	4,473	341	0	5,112	19,500	29,438
1989	806	3,764	1,925	0	5,859	16,307	28,661
1990	959	8,866	2,539	3	11,546	29,688	53,601
1991	533	11,410	1,392	40	18,022	37,612	69,009
1992	431	7,303	1,113	10	9,464	25,606	43,927
1993	345	11,094	1,325	0	8,321	18,236	39,321
1994	242	11,550	2,271	2	9,083	12,357	35,505
1995	64	7,457	14,790	0	17,381	27,173	66,865
1996	67	5,789	20,417	0	11,151	37,755	75,179

Table 3. Percent of the total Alaska hatchery chinook catch by gear type.

Year	Annette Island	Drift Gillnet	Purse Seine	Set Gillnet	Sport	Troll
1985	0%	8%	1%	0%	27%	64%
1986	0%	8%	5%	0%	29%	57%
1987	0%	8%	1%	0%	22%	69%
1988	0%	15%	1%	0%	17%	66%
1989	3%	13%	7%	0%	20%	57%
1990	2%	17%	5%	0%	22%	55%
1991	1%	17%	2%	0%	26%	55%
1992	1%	17%	3%	0%	22%	58%
1993	1%	28%	3%	0%	21%	46%
1994	1%	33%	6%	0%	26%	35%
1995	0%	11%	22%	0%	26%	41%
1996	0%	8%	27%	0%	15%	50%

### ***Risk Factor***

The risk factor was intended to provide a measure of relief for error in the estimation of the total number of Alaska hatchery chinook harvested each year. The sources of error in the estimation process are given in Appendix A. When the Treaty was signed, the risk assessment was based on a 1 in 20 chance of error. With the signing of the 1996 Letter of Agreement between the U.S. Section (LOA), the risk was lowered to a 1 in 10 chance of error. This lowers the risk factor.

Table 4. Risk Factor estimates by gear type since 1985.

Year	Annette Island	Drift Gillnet	Purse Seine	Set Gillnet	Sport	Troll	Total
1985	0	19	0	0	1,188	121	1,328
1986	0	40	4	0	1,018	167	1,229
1987	0	27	1	0	1,045	320	1,393
1988	0	33	5	0	1,478	368	1,884
1989	116	28	0	0	1,170	859	2,173
1990	18	57	2	0	2,093	595	2,765
1991	3	52	1	1	2,826	474	3,357
1992	7	42	27	0	1,514	534	2,124
1993	4	125	7	0	1,152	448	1,736
1994	2	156	178	0	1,428	355	2,119
1995	0	169	1,010	0	2,869	765	4,814
1996	1	168	126	0	1,057	719	2,071

The risk factor is lowest for the setnet fishery, which harvests very few Alaska hatchery fish, and highest for sport fishery, which samples the lowest percentage of fish caught (Table 4). The highest risk factor was in 1995. This was one of the highest harvests of Alaska hatchery chinook and it had a 1 in 20 chance of error. The 1996 risk factor would have likely been larger if there had been a 1 in 20 chance of error as opposed to the 1 in 10. Another factor was that the harvest from the Hidden Falls area was designated terminal as per the LOA. There is no variance in the estimate designated as terminal. Because of the large number of fish sampled in the troll fishery, the risk factor is relatively low.

Individual gear catches by year are listed in Appendix B.

### ***Pre Treaty Harvest of 5,000***

A total of 5,000 Alaska hatchery chinook were assumed to be a part of the yearly catch prior to the signing of the PST. Hence, 5,000 fish are subtracted from the add-on calculation. However, in 1992, the board directed the department to calculate the risk factor and proportion out the 5,000 pre-Treaty fish by gear. No means were specified for the calculation. There are two possible methods for proportioning the 5,000 fish. The first would be to do it in proportion to the number of Alaskan hatchery fish caught by each gear group while the second would be to do it in proportion to the number of non-Treaty fish caught.

Each method was examined to determine the effect of the different calculations. When based on the catch of Alaskan hatchery chinook, the 5,000 fish were spread among the gear groups (Table 5). When based on the harvest of fish other than Alaska hatchery fish, there was a higher proportion given to the troll fishery (Table 6). The differences are due to the following; although the troll fishery harvests the largest number of chinook, they do not take as large of a percentage of the Alaskan hatchery fish. Hence, when the 5,000 are proportioned out by non Alaska hatchery fish, then the troll fishery will take a larger portion. Also, when the non-Alaskan chinook are used to divide the number, the set gillnets also are apportioned some of the chinook even though they do not get any Alaska hatchery fish. The preferable method would be to proportion the fish based on Alaska hatchery fish except that it cannot be done pre-season.

Table 5. The base proportioned out by catch of Alaska hatchery fish by gear.

Year	Annette Island	Drift Gillnet	Purse Seine	Set Gillnet	Sport	Troll
1985	0	388	61	0	1,336	3,216
1986	0	417	272	0	1,450	2,861
1987	0	395	43	1	1,092	3,469
1988	0	760	58	0	868	3,312
1989	116	657	336	0	1,022	2,845
1990	18	827	237	0	1,077	2,769
1991	3	827	101	3	1,306	2,725
1992	7	831	127	1	1,077	2,915
1993	4	1,411	168	0	1,058	2,319
1994	2	1,627	320	0	1,279	1,740
1995	0	558	1,106	0	1,300	2,032
1996	1	371	1,308	183	715	2,419

Table 6. The base proportioned by catches of non-Alaskan chinook by gear.

Year	Annette Island	Drift Gillnet	Purse Seine	Set Gillnet	Sport	Troll
1985	0	179	436	23	408	3,953
1986	2	132	211	27	331	4,297
1987	10	127	83	40	371	4,369
1988	17	92	216	18	421	4,236
1989	2	111	213	15	480	4,179
1990	16	105	158	12	713	3,997
1991	28	148	210	35	878	3,700
1992	20	104	442	53	874	3,506
1993	6	131	132	25	773	3,934
1994	0	113	274	85	728	3,800
1995	2	174	306	278	956	3,285
1996	6	151	67	72	982	3,723

### *Individual Gear Allocations and Performance*

With the establishment of the PST in 1985, the SEAK all-gear ceiling was 263,000. There were no allocations for any gear group until 1987. Only the troll fishery was actively managed to ensure that Alaska did not exceed the all-gear limit. Beginning in 1987, the net fisheries were managed for an allocation of 20,000. There was still no allocation for the sport or the troll fishery, however, the troll fishery was actively managed in order that Alaska not exceed the ceiling. Finally, beginning in 1992, all fisheries had allocations and all were actively managed not to exceed them.



Ceilings for Alaska and the individual fisheries by year are shown in Table 7. There were no actual ceilings in 1995 and 1996. In 1995, troll and net fisheries were barred from harvesting chinook salmon by an injunction in Seattle Federal Court after August 3. In 1996, the LOA specified an all-gear harvest of 140,000 to 155,000. Ceilings of 230,000 and 147,500 are used in Table 7.

Since 1987, the net fisheries have been below their allocation of 20,000 seven times. In 1996, many purse seiners voluntarily released chinook salmon during periods of retention. The average underage was 1,242 since 1987. Since 1992, the sport fishery has been under their allocation three times. The average underage was 1,433. The troll fishery has been under the allocation three times. The average underage was 16,106. The majority of this underage was due to the forced reduction in 1992 and to the injunction of the troll fishery in 1995.

Table 7. Southeast Alaska treaty chinook catches by gear and deviations of the catches from gear allocations.

Year	Troll	Net	Sport	Total	Ceiling	Gear Limits			Deviation by Gear		
						Troll	Net	Sport	Troll	Net	Sport
1985	212,166	34,168	23,031	269,365	263,000						
1986	231,590	20,483	19,185	271,258	263,000						
1987	231,025	13,952	20,454	265,431	263,000		20,000			(6,048)	
1988	217,075	17,443	22,248	256,766	263,000		20,000			(2,557)	
1989	224,209	18,541	26,792	269,542	263,000		20,000			(1,459)	
1990	263,574	16,100	41,360	321,034	302,000		20,000			(3,900)	
1991	231,616	19,977	45,130	296,723	273,000		20,000			(23)	
<sup>a</sup> 1992	162,522	23,994	35,346	221,862	263,000	201,690	20,000	39,610	(39,168)	3,994	(4,264)
1993	212,326	16,499	42,691	271,516	263,000	201,690	20,000	41,310	10,636	(3,501)	1,381
1994	177,068	23,263	35,500	235,831	240,000	180,400	20,000	39,600	(3,332)	3,263	(4,100)
1995	115,227	28,599	34,870	178,696	230,000	170,100	20,000	39,900	(54,873)	8,599	(5,030)
1996	108,205	9,212	30,348	147,765	147,500	102,000	20,000	25,500	6,205	(10,788)	4,848

<sup>a</sup> 1992 was the first year that gear allocations were implemented in the troll and sport fisheries. An allocation of 20,000 chinook had been placed on the net fisheries beginning in 1987.

## DISCUSSION

The Southeast Alaska chinook salmon fisheries have been under ceilings for Treaty fish since 1985. In 1985 and 1986, only the troll fishery was actively managed to ensure that the ceiling was not exceeded. Beginning in 1987, the net fisheries were given an allocation and actively managed to achieve it. Finally in 1992, the troll and sport fisheries were given allocations. Since 1992, all fisheries have been managed to achieve these allocations. Cumulative deviations from allocations are difficult to calculate since there were no defined ceilings in 1995 and 1996.

No method has been specified for partitioning the 5,000 pre-Treaty fish. The preferable method would be to proportion it based on the total number of hatchery fish, however, this can only be done accurately post season.

Final sport fish numbers are expected to be available later in 1997. At this time a final reconciliation of Treaty and non Treaty fish will be made including a decision on partitioning of the 5,000 pre-Treaty fish.

## **APPENDICES**

Appendix A. Sources of error in the estimation of the number of Alaska hatchery produced chinook salmon in Southeast Alaska fisheries.

A binary Coded Wire Tag (CWT) which has been removed from the snout of a salmon and successfully read at the Alaska Department of Fish and Game tag lab in Juneau usually represents more than one fish, sometimes many more. This is due to the fact that each tag which is successfully read has an associated set of expansion factors related to the untagged proportion of the group of fish represented by the tagged fish. The expansion factors which apply to each recovered tag are as follows:

1. The first expansion factor is the tagged release to total release expansion factor. It is usually economically and/or logistically unfeasible to tag every fish released from a hatchery. Therefore, only a fraction of the fish released are actually tagged. If, for example, 1,000 fish were released from a hatchery but only 200 fish were tagged, the tagged to total expansion factor would be five since only one out of every five fish released from the hatchery was tagged.
2. The second expansion factor represents the sampling fraction, the sampled catch to total catch expansion factor. It is not economically feasible to examine every fish which is caught in a fishery for the presence of a CWT. Therefore, a fraction of the catch is sampled, usually when they are landed. The sample fish are examined for missing adipose fins, the mark used to identify fish containing a CWT. Suppose 500 fish were caught but only 200 were sampled, then each recovered tag would need to be expanded by 500/200 to account for the fish which were caught. This expansion is computed in a slightly different manner for the different gear types. The net gears are stratified by week and district. The troll gear is stratified by period (usually corresponding to the length of an opening) and quadrant, except the Spring fisheries which are stratified by week and district. The sport fishery is stratified by biweekly period and port of landing.
3. The third expansion factor is the heads sent to heads received expansion factor. When a fish with a missing adipose fin is observed during dockside sampling for CWTs the head is cut off and then shipped to the tag lab in Juneau. Unfortunately, not all of the heads make the journey successfully. If any heads are lost during a sampling period then each successfully decoded tag must be expanded to account for the lost heads. Suppose 20 heads were shipped to the tag lab but only 19 arrived successfully. Each tag would then need to be multiplied by 20/19 to expand for the missing heads.
4. The fourth expansion factor is the tags detected to tags decoded expansion factor. When a head is received at the tag lab it is passed through a magnetic detector to determine if there is actually a CWT present in the head. If there is a CWT in the head, then the head is carefully sliced open and examined until the CWT is located. However, several things can go wrong at this stage also. The CWT may be found but for some reason the tag code may be unreadable on the tag. The CWTs are extremely small and although great care is taken during the extraction process, occasionally a CWT is dropped or misplaced and therefore the tag code from that CWT cannot be determined. Suppose 16 CWTs were detected but one tag was unreadable. The 15 remaining CWTs would need to be expanded by 16/15 to account for the CWT which was unreadable.

There are some instances where one or more of these expansions cannot be calculated and therefore the CWT cannot be expanded, but in most cases these four expansion factors can be applied to a successfully recovered CWT. For example, if a CWT was successfully recovered that had the four expansion factors from the examples above, this CWT would represent approximately 14 total fish  $[=(1)*(1000/200)*(500/200)*(20/19)*(16/15)]$ .

Each of these expansion factors introduces some uncertainty into the estimate of the total number of fish a CWT represents. In our example above, if all the fish released from the hatchery had been tagged, if all the catch had been examined for CWTs, if none of the heads had been lost, and if all of the CWTs had been decoded successfully, we would know the true number of fish from the release which were

recovered. This true number of fish might equal 14 like the estimate but it could be lower or higher. Although 14 is the appropriate estimate, the fish that weren't tagged, the catch that wasn't sampled, the lost heads and the lost tags all introduce some uncertainty about this estimate.

When the add-on was being negotiated with the other members of the Pacific Salmon Commission, the other participants wanted to make sure that Alaska made a conservative final estimate of the number of Alaska hatchery chinook which were caught in the SEAK fisheries since there was uncertainty in the estimate of the total contribution of Alaska hatchery chinook. The participants decided the final estimate would be the total contribution estimate minus some "risk factor" which would depend upon the uncertainty associated with the total contribution estimate and upon the amount of risk that Alaska was allowed to take. For instance, from 1985 to 1995 the amount of risk Alaska was required to assume for the add-on was 1 in 20. In other words, Alaska was required to set the final estimate of the Alaska hatchery chinook catch low enough so that the true number of Alaska hatchery chinook caught would be at least as large as this number 95% (19/20) of the time. Looking at it another way, the true number of Alaska hatchery chinook caught would only be expected to be lower than this estimate 5% (1/20) of the time. In statistical terms this final number would be called a 95% lower confidence bound. In 1996 the risk was changed from 1 in 20 to 1 in 10. Therefore, Alaska is now allowed to assume a greater risk (be less conservative) which means we are allowed to generate a larger final estimate for the Alaska hatchery chinook catch.

S.E. ALASKA CHINOOK CATCHES

YEAR	TREATY				TOTAL			
	TROLL	NET	SPORT	TOTAL	TROLL	NET	SPORT	TOTAL
1979					334,306	28,455	16,581	379,342
1980					303,885	20,114	20,213	344,212
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1983					269,790	19,655	22,321	311,766
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1996	108,205	9,412	31,398	149,015	141,399	37,342	38,485	217,226

1996 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	1	1	0	0	0	0	1
GILLNET	237	237	67	0	67	53	184
TRAP	0	0	0	0	0	0	0
TROLL	5	5	0	0	0	0	5
TOTAL ANNETTE ISLAND	243	243	67	0	67	53	190

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	22,269	3,713	1,860	18,556	20,416	20,020	2,249
GILLNET	9,982	6,935	2,742	3,047	5,789	5,205	4,777
SETNET	4,853	2,200	0	2,653	2,653	2,653	2,200
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	37,342	13,086	4,670	24,256	28,926	27,930	9,412

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 11-DEC 31	5,999	1,311	0	1,311	1,031	4,968
JAN 1-APR 14	3,393	342	0	342	269	3,124
WINTER TOTAL	9,392	1,652	0	1,652	1,300	8,092
JUNE FISHERY EXPERIMENTAL	31,005	14,900	0	14,900	11,724	19,281
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	16,360	0	16,360	16,360	16,360	0
JUNE TOTAL	47,365	14,900	16,360	31,260	28,084	19,281
SUMMER FISHERY JULY 1-10	76,392	4,639	0	4,639	3,650	72,742
AUGUST 19-20	8,245	203	0	203	159	8,086
SUMMER TOTAL	84,637	4,842	0	4,842	3,810	80,827
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	141,399	21,395	16,360	37,755	33,194	108,205

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1996	38,485	7,101	1,500	8,601	7,087	31,398
GRAND TOTALS	217,226	33,166	42,116	75,282	68,211	149,015
ALASKA HATCHERY ADD-ON RISK FACTOR				68,211	2,071	

1995 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	11	11	17	0	17	14	(3)
GILLNET	122	122	47	0	47	39	83
TRAP	0	0	0	0	0	0	0
TROLL	0	0	0	0	0	0	0
TOTAL ANNETTE ISLAND	133	133	64	0	64	53	80

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	25,115	24,299	13,974	816	14,790	12,472	12,643
GILLNET	13,342	9,607	3,722	3,735	7,457	6,840	6,502
SETNET	9,374	9,374	0	0	0	0	9,374
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	47,964	43,413	17,759	4,551	22,310	19,365	28,599

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 11-DEC 31	10,382	1,265	0	1,265	1,055	9,327
JAN 1-APR 14	7,486	866	0	866	722	6,764
WINTER TOTAL	17,868	2,131	0	2,131	1,778	16,090
JUNE FISHERY EXPERIMENTAL	21,748	13,989	0	13,989	11,669	10,079
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	1,333	0	1,333	1,333	1,333	0
JUNE TOTAL	23,081	13,989	1,333	15,322	13,002	10,079
SUMMER FISHERY JULY 1-10	75,889	8,139	0	8,139	6,789	69,100
JULY 31-AUG 5	21,277	1,581	0	1,581	1,319	19,958
SUMMER TOTAL	97,166	9,720	0	9,720	8,108	89,058
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	138,115	25,840	1,333	27,173	22,888	115,227

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1995	49,667	15,581	1,800	17,381	14,797	34,870
GRAND TOTALS	235,746	59,180	7,684	66,864	57,051	178,695

ALASKA HATCHERY ADD-ON  
RISK FACTOR

57,051  
4,814



1994 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	15	15	0	0	0	0	15
GILLNET	183	183	217	0	217	160	23
TRAP	0	0	0	0	0	0	0
TROLL	32	32	25.16	0	25	19	13
TOTAL ANNETTE ISLAND	230	230	242	0	242	178	52

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	14,824	13,995	1,442	829	2,271	1,889	12,935
GILLNET	16,735	9,756	4,571	6,979	11,550	10,340	6,395
SETNET	3,897	3,897	2	0	2	2	3,895
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	35,654	27,846	6,232	7,808	14,040	12,391	23,263

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 11-DEC 31	35,193	1,007	0	1,007	740	34,453
JAN 1-APR 14	21,175	967	0	967	711	20,464
WINTER TOTAL	56,368	1,974	0	1,974	1,451	54,917
JUNE FISHERY EXPERIMENTAL	11,267	4,937	0	4,937	3,630	7,637
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	100	0	100	100	100	0
JUNE TOTAL	11,367	4,937	100	5,037	3,730	7,637
SUMMER FISHERY JULY 1-7	98,208	4,246	0	4,246	3,122	95,086
AUG 29-SEP 2	20,224	1,100	0	1,100	809	19,415
SUMMER TOTAL	118,432	5,346	0	5,346	3,931	114,501
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	186,199	12,282	100	12,382	9,131	177,068

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1994	42,365	8,381	702	9,083	6,865	35,500
GRAND TOTALS	264,218	26,895	8,610	35,505	28,387	235,831
ALASKA HATCHERY ADD-ON RISK FACTOR				28,387 2,119		

1993 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	29	29	0	0	0	0	29
GILLNET	269	269	284	0	284	215	54
TRAP	36	36	0	0	0	0	36
TROLL	305	305	61	0	61	46	259
TOTAL ANNETTE ISLAND	639	639	345	0	345	261	378

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	8,335	7,190	180	1,145	1,325	1,282	7,053
GILLNET	18,011	11,437	4,520	6,574	11,094	9,995	8,016
SETNET	1,311	1,311	0	0	0	0	1,311
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	27,991	20,272	4,985	7,719	12,704	11,492	16,499

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 11-DEC 31	20,275	2,207	0	2,207	1,670	18,605
JAN 1-APR 14	42,447	1,656	0	1,656	1,253	41,194
WINTER TOTAL	62,722	3,863	0	3,863	2,923	59,799
JUNE FISHERY EXPERIMENTAL	15,836	6,596	0	6,596	4,992	10,844
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	2,842	0	2,842	2,842	2,842	0
JUNE TOTAL	18,678	6,596	2,842	9,438	7,834	10,844
SUMMER FISHERY JULY 1-7	101,164	3,189	0	3,189	2,414	98,750
AUGUST 21-25	24,865	446	0	446	338	24,527
SEPTEMBER 11-20	19,131	1,300	0	1,300	984	18,147
SUMMER TOTAL	145,160	4,935	0	4,935	3,735	141,425
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	226,865	15,455	2,842	18,297	14,539	212,326

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1993	49,246	7,264	1,057	8,321	6,555	42,691
GRAND TOTALS	304,102	27,703	11,618	39,321	32,586	271,516
ALASKA HATCHERY ADD-ON RISK FACTOR				32,586 1,736		

1992 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	315	315	125	0	125	99	216
GILLNET	455	455	181	0	181	142	313
TRAP	36	36	14.43	0	14	11	25
TROLL	404	404	111.03	0	111	87	317
TOTAL ANNETTE ISLAND	1,210	1,210	431	0	431	340	870

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	18,012	17,099	200	913	1,113	1,070	16,942
GILLNET	11,285	6,334	2,352	4,951	7,303	6,803	4,482
SETNET	2,025	2,025	10	0	10	8	2,017
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	32,128	26,264	2,882	5,864	8,746	8,134	23,994

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
TROLL						
WINTER FISHERY						
OCT 1-DEC 31	28,179	4,738	0	4,738	3,730	24,449
JAN 1-APR 14	43,554	2,238	0	2,238	1,762	41,792
WINTER TOTAL	71,733	6,976	0	6,976	5,493	66,240
JUNE FISHERY						
EXPERIMENTAL	11,196	5,593	0	5,593	4,404	6,792
HATCHERY ACCESS	23,608	6,459	0	6,459	5,086	18,522
TERMINAL	4,118	0	4,118	4,118	4,118	0
JUNE TOTAL	38,922	12,052	4,118	16,170	13,608	25,314
SUMMER FISHERY						
JULY 1-4	65,647	2,271	0	2,271	1,788	63,859
AUG 23-24	6,941	189	0	189	149	6,792
SUMMER TOTAL	72,588	2,460	0	2,460	1,937	70,651
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	183,647	21,600	4,118	25,718	21,125	162,522

SPORT FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1992	42,892	9,021	443	9,464	7,546	35,346
GRAND TOTALS	258,667	33,503	10,425	43,928	36,804	221,863
ALASKA HATCHERY ADD-ON RISK FACTOR				36,804 2,124		

1991 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	56	56	26	0	26	22	34
GILLNET	801	801	479	0	479	400	401
TRAP	70	70	28.34	0	28	24	46
TROLL	953	953	0	0	0	0	953
TOTAL ANNETTE ISLAND	1,880	1,880	533	0	533	446	1,434

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	11,562	10,354	184	1,208	1,392	1,362	10,200
GILLNET	18,593	9,609	2,426	8,984	11,410	11,014	7,579
SETNET	1,750	1,750	40	0	40	34	1,716
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	32,832	22,640	3,183	10,192	13,375	12,855	19,977

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
TROLL						
WINTER FISHERY						
OCT 1-DEC 31	19,920	7,204	0	7,204	6,027	13,893
JAN 1-APR 14	22,719	3,039	0	3,039	2,543	20,176
WINTER TOTAL	42,639	10,243	0	10,243	8,570	34,069
JUNE FISHERY						
EXPERIMENTAL	14,056	6,247	0	6,247	5,226	8,830
HATCHERY ACCESS	46,463	8,597	0	8,597	7,192	39,271
TERMINAL	5,920	0	5,920	5,920	5,920	0
JUNE TOTAL	66,439	14,843	5,920	20,763	18,339	48,100
SUMMER FISHERY						
JULY 1-8	154,020	6,605	0	6,605	5,526	148,494
SUMMER TOTAL	154,020	6,605	0	6,605	5,526	148,494
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	264,051	31,692	5,920	37,612	32,435	231,616

SPORT FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1991	60,492	16,284	1,738	18,022	15,362	45,130
GRAND TOTALS	357,375	51,159	17,850	69,009	60,652	296,723
ALASKA HATCHERY ADD-ON RISK FACTOR				60,652 3,357		

1990 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	34	34	0	0	0	0	34
GILLNET	524	524	375	0	375	307	217
TRAP	443	443	493.98	0	494	404	39
TROLL	839	839	89.72	0	90	73	766
TOTAL ANNETTE ISLAND	1,840	1,840	959	0	959	784	1,056

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	11,355	8,894	78	2,461	2,539	2,525	8,830
GILLNET	14,693	8,529	2,702	6,164	8,866	8,374	6,319
SETNET	663	663	3	0	3	2	661
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	27,712	19,087	3,651	8,625	12,276	11,612	16,100

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 1-DEC 31	17,617	3,188	0	3,188	2,608	15,009
JAN 1-APR 14	15,513	1,245	0	1,245	1,019	14,494
WINTER TOTAL	33,130	4,434	0	4,434	3,627	29,503
JUNE FISHERY EXPERIMENTAL	7,052	4,246	0	4,246	3,474	3,578
HATCHERY ACCESS	34,954	6,712	0	6,712	5,491	29,463
TERMINAL	16	0	16	16	16	0
JUNE TOTAL	42,022	10,958	16	10,974	8,981	33,041
SUMMER FISHERY JULY 1-22	200,093	13,031	0	13,031	10,661	189,432
AUG 23-24	11,855	1,250	0	1,250	1,023	10,832
SUMMER TOTAL	211,948	14,282	0	14,282	11,684	200,264
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	287,939	29,763	16	29,779	24,365	263,574

SPORT  
FISHERY

SPORT FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1990	51,218	9,279	2,267	11,546	9,858	41,360
GRAND TOTALS	366,869	42,693	10,908	53,601	45,836	321,033

ALASKA HATCHERY ADD-ON  
RISK FACTOR

45,836  
2,765

1989 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
12-13-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	73	73	380	0	380	261	(188)
GILLNET	369	369	342	0	342	235	134
TRAP	325	325	55.67	0	56	38	287
TROLL	122	122	28.14	0	28	19	103
TOTAL ANNETTE ISLAND	889	889	806	0	806	554	335

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	13,098	11,218	46	1,880	1,926	1,912	11,186
GILLNET	9,579	7,441	1,626	2,138	3,764	3,255	6,324
SETNET	798	798	0	0	0	0	798
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	24,242	20,224	2,449	4,018	6,467	5,701	18,541

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 1-DEC 31	24,426	4,056	0	4,056	2,787	21,639
JAN 1-APR 14	9,872	861	0	861	591	9,281
WINTER TOTAL	34,298	4,917	0	4,917	3,378	30,920
JUNE FISHERY EXPERIMENTAL	2,352	890	0	890	611	1,741
HATCHERY ACCESS	30,540	3,756	0	3,756	2,580	27,960
TERMINAL	913	0	913	913	913	0
JUNE TOTAL	33,805	4,646	913	5,559	4,105	29,700
SUMMER FISHERY JULY 1-13	167,492	5,831	0	5,831	4,006	163,486
SUMMER TOTAL	167,492	5,831	0	5,831	4,006	163,486
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	235,717	15,421	913	16,334	11,508	224,209

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1989	31,071	5,049	810	5,859	4,279	26,792
GRAND TOTALS	291,030	22,920	5,741	28,661	21,488	269,542
ALASKA HATCHERY ADD-ON RISK FACTOR				21,488 2,173		

1988 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	5	5	0	0	0	0	5
GILLNET	579	579	0	0	0	0	579
TRAP	94	94	0	0	0	0	94
TROLL	188	188	12.18	0	12	9	179
TOTAL ANNETTE ISLAND	866	866	12	0	12	9	857

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	11,137	10,989	193	148	341	289	10,848
GILLNET	9,079	6,165	1,559	2,914	4,473	4,055	5,024
SETNET	893	893	0	0	0	0	893
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	21,787	18,725	1,753	3,062	4,815	4,344	17,443

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 1-DEC 31	44,774	7,015	0	7,015	5,131	39,643
JAN 1-APR 14	15,684	1,302	0	1,302	952	14,732
WINTER TOTAL	60,458	8,317	0	8,317	6,083	54,375
JUNE FISHERY EXPERIMENTAL	8,505	2,931	0	2,931	2,144	6,361
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	100	0	100	100	100	0
JUNE TOTAL	8,605	2,931	100	3,031	2,244	6,361
SUMMER FISHERY JULY 1-12	162,122	8,152	0	8,152	5,963	156,159
SUMMER TOTAL	162,122	8,152	0	8,152	5,963	156,159
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	231,373	19,412	100	19,512	14,298	217,075

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1988	26,160	4,466	646	5,112	3,912	22,248
GRAND TOTALS	279,320	25,631	3,808	29,439	22,555	256,765
ALASKA HATCHERY ADD-ON RISK FACTOR				22,555 1,884		

1987 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	5	5	0	0	0	0	5
GILLNET	527	527	0	0	0	0	527
TRAP	0	0	0	0	0	0	0
TROLL	0	0	0	0	0	0	0
TOTAL ANNETTE ISLAND	532	532	0	0	0	0	532

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	4,498	4,434	135	64	199	160	4,338
GILLNET	8,430	8,069	1,485	361	1,846	1,417	7,013
SETNET	2,072	2,072	4	0	4	3	2,069
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	15,532	15,107	1,624	425	2,049	1,580	13,952

TROLL

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
WINTER FISHERY OCT 1-DEC 31	18,453	1,804	0	1,804	1,283	17,170
JAN 1-APR 14	10,075	1,131	0	1,131	804	9,271
WINTER TOTAL	28,528	2,935	0	2,935	2,087	26,441
JUNE FISHERY EXPERIMENTAL	4,488	1,575	0	1,575	1,120	3,368
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	0	0	0	0	0	0
JUNE TOTAL	4,488	1,575	0	1,575	1,120	3,368
SUMMER FISHERY JUNE 20-JULY 12	209,546	11,713	0	11,713	8,330	201,216
SUMMER TOTAL	209,546	11,713	0	11,713	8,330	201,216
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	242,562	16,223	0	16,223	11,537	231,025

SPORT  
FISHERY

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1987	24,324	4,286	822	5,108	3,870	20,454
GRAND TOTALS	282,418	22,134	1,247	23,381	16,987	265,431
ALASKA HATCHERY ADD-ON RISK FACTOR				16,987	1,393	



1986 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	19	19	0	0	0	0	19
GILLNET	98	98	0	0	0	0	98
TRAP	0	0	0	0	0	0	0
TROLL	4	4	0	0	0	0	4
TOTAL ANNETTE ISLAND	121	121	0	0	0	0	121

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	12,113	11,952	778	161	939	638	11,475
GILLNET	8,441	8,196	1,195	245	1,440	978	7,463
SETNET	1,428	1,428	0	0	0	0	1,428
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	22,099	21,693	1,973	406	2,379	1,616	20,483

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
TROLL						
WINTER FISHERY						
OCT 1-DEC 31	16,728	1,108	0	1,108	679	16,049
JAN 1-APR 14	6,147	198	0	198	122	6,025
WINTER TOTAL	22,875	1,306	0	1,306	801	22,074
JUNE FISHERY						
EXPERIMENTAL	776	240	0	240	147	629
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	0	0	0	0	0	0
JUNE TOTAL	776	240	0	240	147	629
SUMMER FISHERY						
JUNE 20-JULY 15	154,623	5,788	0	5,788	3,550	151,073
AUGUST 21-26	31,878	1,346	0	1,346	825	31,053
SEPTEMBER 1-9	27,496	1,203	0	1,203	738	26,758
SUMMER TOTAL	213,997	8,338	0	8,338	5,113	208,884
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	237,652	9,884	0	9,884	6,062	231,590

SPORT FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1986	22,551	4,252	758	5,010	3,366	19,185
GRAND TOTALS	282,302	16,108	1,164	17,272	11,043	271,259
ALASKA HATCHERY ADD-ON RISK FACTOR				11,043 1,229		

1985 SOUTHEAST ALASKA CHINOOK SALMON HARVESTS  
11-20-96

ANNETTE ISLAND CATCHES

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	0	0	0	0	0	0	0
GILLNET	0	0	0	0	0	0	0
TRAP	0	0	0	0	0	0	0
TROLL	0	0	0	0	0	0	0
TOTAL ANNETTE ISLAND	0	0	0	0	0	0	0

GENERAL PURSE SEINE  
AND GILLNET

FISHERY	TOTAL CATCH	COMMON PROPERTY CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
			GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
SEINE	23,073	23,073	153	0	153	74	22,999
GILLNET	10,411	10,411	979	0	979	472	9,939
SETNET	1,231	1,231	0	0	0	0	1,231
TOTAL NET FISHERIES (INCLUDING ANNETTE ISLAND)	34,715	34,715	1,132	0	1,132	547	34,168

FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
TROLL						
WINTER FISHERY						
OCT 1-DEC 31	14,235	998	0	998	482	13,753
JAN 1-APR 14	8,607	291	0	291	141	8,466
WINTER TOTAL	22,842	1,289	0	1,289	622	22,220
JUNE FISHERY						
EXPERIMENTAL	0	0	0	0	0	0
HATCHERY ACCESS	0	0	0	0	0	0
TERMINAL	0	0	0	0	0	0
JUNE TOTAL	0	0	0	0	0	0
SUMMER FISHERY						
JUNE 3-12	65,612	3,689	0	3,689	1,781	63,831
JULY 1-22	114,388	2,732	0	2,732	1,319	113,069
AUGUST 25-26	13,244	408	0	408	197	13,047
SUMMER TOTAL	193,244	6,829	0	6,829	3,298	189,946
TOTAL TROLL (INCLUDING ANNETTE ISLAND)	216,086	8,118	0	8,118	3,920	212,166

SPORT FISHERY	TOTAL CATCH	ALASKA HATCHERY TOTAL CONTRIBUTION				BASE CATCH
		GENERAL FISHERIES	TERMINAL	SUBTOTAL	ADDON	
ALL 1985	24,858	2,988	384	3,372	1,827	23,031
GRAND TOTALS	275,659	12,238	384	12,622	6,293	269,366
ALASKA HATCHERY ADD-ON RISK FACTOR				6,293 1,328		

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			217226	75281.57		261067.1	68210.9	2070.68	5000	149015.1	1996
ANNETTE ISLAND		GILLNET	237	66.99	0	657.52					1996
ANNETTE ISLAND		SEINE	1		0						1996
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL	5		0						1996
NET		GILLNET	9982	2742.43	3047	212104.62					1996
NET		SEINE	22269	1860.2	18556	159199.61					1996
NET		SETNET	4853	0	2653						1996
SPORT		SPORT	38485	7101	1500	1332092					1996
TROLL-JUNE	EXPERIM. AREA	TROLL	31005	14900.43	0	604497.26					1996
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL	16360	0	16360	0					1996
TROLL-SUMMER	SUMMER-1	TROLL	76392	4639.46	0	268609.54					1996
TROLL-SUMMER	SUMMER-2	TROLL	8245	202.62	0	4228.95					1996
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	5999	1310.56	0	20650.13					1996
TROLL-WINTER	WINTER-2	TROLL	3393	341.87	0	8631.35					1996

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			235746	66864.41		8564434.95	57050.74	4813.67	5000	178695.26	1995
ANNETTE ISLAND		GILLNET	122	46.53	0	260.37					1995
ANNETTE ISLAND		SEINE	11	17.36	0	165.59					1995
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL									
NET		GILLNET	13342	3721.99	3735	300572.58					1995
NET		SEINE	25115	13973.55	816	1797500.93					1995
NET		SETNET	9374		0						1995
SPORT		SPORT	49667	15581	1800	5105068					1995
TROLL-JUNE	EXPERIM. AREA	TROLL	21748	13989.11	0	861011.91					1995
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL	1333	0	1333	0					1995
TROLL-SUMMER	SUMMER-1	TROLL	1028	98.78	0	6293.81					1995
TROLL-SUMMER	SUMMER-2	TROLL	74861	8040.3	0	349689.61					1995
TROLL-SUMMER	SUMMER-3	TROLL	21277	1580.91	0	91719.39					1995
TROLL-WINTER	WINTER-1	TROLL	10382	1264.83	0	23760.77					1995
TROLL-WINTER	WINTER-2	TROLL	7486	866.06	0	28391.99					1995

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			264218	35505.22		1659134.8	28386.53	2118.69	5000	235831.47	1994
ANNETTE ISLAND		GILLNET	183	217.08	0	1593.45					1994
ANNETTE ISLAND		SEINE	15		0						1994
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL	32	25.16	0	215.51					1994
NET		GILLNET	16735	4571.03	6979	122147.74					1994
NET		SEINE	14824	1441.76	829	139082.67					1994
NET		SETNET	3897	2.32	0	2.98					1994
SPORT		SPORT	42365	8381	702	1117955					1994
TROLL-JUNE	EXPERIM. AREA	TROLL	11267	4937.29	0	91191.99					1994
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL	100	0	100	0					1994
TROLL-SUMMER	SUMMER-1	TROLL	98208	4245.87	0	128894.8					1994
TROLL-SUMMER	SUMMER-2	TROLL	20224	1099.96	0	17988.44					1994
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	35193	1006.82	0	18217					1994
TROLL-WINTER	WINTER-2	TROLL	21175	966.92	0	21845.21					1994

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			304105	39321.27		1113453.22	32585.61	1735.65	5000	271519.39	1993
ANNETTE ISLAND		GILLNET	269	283.85	0	1449.58					1993
ANNETTE ISLAND		SEINE	29		0						1993
ANNETTE ISLAND		TRAP	36		0						1993
ANNETTE ISLAND		TROLL	305	61.12	0	939.87					1993
NET		GILLNET	18011	4520.43	6574	80032.3					1993
NET		SEINE	8335	180.4	1145	4410.02					1993
NET		SETNET	1311		0						1993
SPORT		SPORT	49246	7264	1057	738965					1993
TROLL-JUNE	EXPERIM. AREA	TROLL	15836	6595.56	0	103364.94					1993
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL	2842	0	2842	0					1993
TROLL-SUMMER	SUMMER-1	TROLL	101164	3189.18	0	74879.42					1993
TROLL-SUMMER	SUMMER-2	TROLL	24865	445.94	0	8086.15					1993
TROLL-SUMMER	SUMMER-3	TROLL	19131	1300.22	0	23792.01					1993
TROLL-WINTER	WINTER-1	TROLL	20275	2206.68	0	36573.34					1993
TROLL-WINTER	WINTER-2	TROLL	42447	1655.89	0	40960.6					1993

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			258667	43928.05		1667294.09	36804.16	2123.9	5000	221862.84	1992
ANNETTE ISLAND		GILLNET	455	180.71	0	2420.35					1992
ANNETTE ISLAND		SEINE	315	125.25	0	1024.86					1992
ANNETTE ISLAND		TRAP	36	14.43	0	91.06					1992
ANNETTE ISLAND		TROLL	404	111.03	0	1714.32					1992
NET		GILLNET	11285	2352.12	4951	33065.64					1992
NET		SEINE	18012	199.93	913	21178.12					1992
NET		SETNET	2025	10	0	84.87					1992
SPORT		SPORT	42892	9021	443	1188857					1992
TROLL-JUNE	EXPERIM. AREA	TROLL	11196	5592.93	0	80488.49					1992
TROLL-JUNE	HATCHERY ACCESS	TROLL	23608	6459.44	0	95456.1					1992
TROLL-JUNE	TERMINAL REAL	TROLL	4118	0	4118	0					1992
TROLL-SUMMER	SUMMER-1	TROLL	65647	2271.4	0	35467.35					1992
TROLL-SUMMER	SUMMER-2	TROLL	6941	188.79	0	2753.39					1992
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	28179	4737.89	0	145556.16					1992
TROLL-WINTER	WINTER-2	TROLL	43554	2238.13	0	59136.38					1992

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			357375	69009.03		4164917.27	60652.19	3356.84	5000	296722.81	1991
ANNETTE ISLAND		GILLNET	801	478.65	0	3620.43					1991
ANNETTE ISLAND		SEINE	56	25.74	0	158.55					1991
ANNETTE ISLAND		TRAP	70	28.34	0	124.72					1991
ANNETTE ISLAND		TROLL	953		0						1991
NET		GILLNET	18593	2426.28	8984	63935.14					1991
NET		SEINE	11562	184.18	1208	1780.88					1991
NET		SETNET	1750	40.18	0	900.95					1991
SPORT		SPORT	60492	16284	1738	3506535					1991
TROLL-JUNE	EXPERIM. AREA	TROLL	14056	6246.57	0	129277.26					1991
TROLL-JUNE	HATCHERY ACCESS	TROLL	46463	8596.66	0	152637.1					1991
TROLL-JUNE	TERMINAL REAL	TROLL	5920	0	5920	0					1991
TROLL-SUMMER	SUMMER-1	TROLL	154020	6605.4	0	141883.01					1991
TROLL-SUMMER	SUMMER-2	TROLL									
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	19920	7203.55	0	116801.08					1991
TROLL-WINTER	WINTER-2	TROLL	22719	3039.46	0	47263.16					1991

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			366869	53600.76		2825744	45835.77	2764.99	5000	321033.23	1990
ANNETTE ISLAND		GILLNET	524	374.81	0	11210.26					1990
ANNETTE ISLAND		SEINE	34		0						1990
ANNETTE ISLAND		TRAP	443	493.98	0	5207.33					1990
ANNETTE ISLAND		TROLL	839	89.72	0	1895.82					1990
NET		GILLNET	14693	2701.61	6164	58462.3					1990
NET		SEINE	11355	77.73	2461	2047.58					1990
NET		SETNET	663	3.01	0	0					1990
SPORT		SPORT	51218	9279	2267	2138842					1990
TROLL-JUNE	EXPERIM. AREA	TROLL	7052	4245.8	0	120507.92					1990
TROLL-JUNE	HATCHERY ACCESS	TROLL	34954	6711.78	0	123479.63					1990
TROLL-JUNE	TERMINAL REAL	TROLL	16	0	16	0					1990
TROLL-SUMMER	SUMMER-1	TROLL	200093	13031.37	0	284723.08					1990
TROLL-SUMMER	SUMMER-2	TROLL	11855	1250.27	0	23401.35					1990
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	17617	3188.22	0	37510.71					1990
TROLL-WINTER	WINTER-2	TROLL	15513	1245.47	0	18456.02					1990

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			291030	28660.57		1744509.76	21488.05	2172.52	5000	269541.95	1989
ANNETTE ISLAND		GILLNET	369	342.2	0	9156.37					1989
ANNETTE ISLAND		SEINE	73	379.77	0	82780.76					1989
ANNETTE ISLAND		TRAP	325	55.67	0	1009.86					1989
ANNETTE ISLAND		TROLL	122	28.14	0	130.01					1989
NET		GILLNET	9579	1625.83	2138	22426.23					1989
NET		SEINE	13098	45.85	1880	54.56					1989
NET		SETNET	798		0						1989
SPORT		SPORT	31071	5049	810	939283					1989
TROLL-JUNE	EXPERIM. AREA	TROLL	2352	890.01	0	49138.73					1989
TROLL-JUNE	HATCHERY ACCESS	TROLL	30540	3755.51	0	81292.87					1989
TROLL-JUNE	TERMINAL REAL	TROLL	913	0	913	0					1989
TROLL-SUMMER	SUMMER-1	TROLL	9607	532.68	0	280951.86					1989
TROLL-SUMMER	SUMMER-2	TROLL	157885	5298.39	0	184731.9					1989
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	24426	4055.98	0	79275.32					1989
TROLL-WINTER	WINTER-2	TROLL	9872	860.56	0	14278.3					1989

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			279320	29438.88		1312327.04	22554.59	1884.29	5000	256765.41	1988
ANNETTE ISLAND		GILLNET	579		0						1988
ANNETTE ISLAND		SEINE	5		0						1988
ANNETTE ISLAND		TRAP	94		0						1988
ANNETTE ISLAND		TROLL	188	12.18	0	34.48					1988
NET		GILLNET	9079	1559.37	2914	22728.21					1988
NET		SEINE	11137	193.2	148	3637.92					1988
NET		SETNET	893		0						1988
SPORT		SPORT	26160	4466	646	1029586					1988
TROLL-JUNE	EXPERIM. AREA	TROLL	8505	2931.08	0	29323.1					1988
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL	100	0	100	0					1988
TROLL-SUMMER	SUMMER-1	TROLL	162071	8152.14	0	156182.56					1988
TROLL-SUMMER	SUMMER-2	TROLL	51		0						1988
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	44774	7015.28	0	59847.25					1988
TROLL-WINTER	WINTER-2	TROLL	15684	1301.63	0	10987.52					1988

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			282418	23380.59		717318.25	16987.49	1393.1	5000	265430.51	1987
ANNETTE ISLAND		GILLNET	527		0						1987
ANNETTE ISLAND		SEINE	5		0						1987
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL									
NET		GILLNET	8430	1485.17	361	14077.39					1987
NET		SEINE	4498	135.36	64	379.3					1987
NET		SETNET	2072	3.84	0	10.53					1987
SPORT		SPORT	24324	4286	822	537889					1987
TROLL-JUNE	EXPERIM. AREA	TROLL	4488	1575.18	0	5027.59					1987
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL									
TROLL-SUMMER	SUMMER-1	TROLL	5101		0						1987
TROLL-SUMMER	SUMMER-2	TROLL	204445	11713.49	0	123062.33					1987
TROLL-SUMMER	SUMMER-3	TROLL									
TROLL-WINTER	WINTER-1	TROLL	18453	1803.86	0	22951.55					1987
TROLL-WINTER	WINTER-2	TROLL	10075	1130.68	0	13920.56					1987

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			282302	17272.32		558615.21	11042.95	1229.37	5000	271259.05	1986
ANNETTE ISLAND		GILLNET	98		0						1986
ANNETTE ISLAND		SEINE	19		0						1986
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL	4		0						1986
NET		GILLNET	8441	1194.84	245	18346.47					1986
NET		SEINE	12113	777.75	161	1917.26					1986
NET		SETNET	1428		0						1986
SPORT		SPORT	22551	4252	758	462506					1986
TROLL-JUNE	EXPERIM. AREA	TROLL	776	240.23	0	1057.83					1986
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL									
TROLL-SUMMER	SUMMER-1	TROLL	154623	5788.34	0	42645.71					1986
TROLL-SUMMER	SUMMER-2	TROLL	31878	1345.8	0	9760.71					1986
TROLL-SUMMER	SUMMER-3	TROLL	27496	1203.37	0	11764.33					1986
TROLL-WINTER	WINTER-1	TROLL	16728	1107.74	0	9618.36					1986
TROLL-WINTER	WINTER-2	TROLL	6147	198.25	0	998.54					1986

CATEGORY	SUBCAT	GEAR	CATCH	CONTRIB	TERMINAL	VARIANCE	ADDON	RISK	BASE	TREATY	YEAR
ADDON TOTAL			275659	12621.5		652159.14	6293.18	1328.32	5000	269365.82	1985
ANNETTE ISLAND		GILLNET									
ANNETTE ISLAND		SEINE									
ANNETTE ISLAND		TRAP									
ANNETTE ISLAND		TROLL									
NET		GILLNET	10411	978.51	0	9356.34					1985
NET		SEINE	23073	153.27	0	202.76					1985
NET		SETNET	1231		0						1985
SPORT		SPORT	24858	2988	384	583301					1985
TROLL-JUNE	EXPERIM. AREA	TROLL									
TROLL-JUNE	HATCHERY ACCESS	TROLL									
TROLL-JUNE	TERMINAL REAL	TROLL									
TROLL-SUMMER	SUMMER-1	TROLL	65612	3688.87	0	20104.09					1985
TROLL-SUMMER	SUMMER-2	TROLL	114388	2732.36	0	20298.08					1985
TROLL-SUMMER	SUMMER-3	TROLL	13244	407.7	0	4742.13					1985
TROLL-WINTER	WINTER-1	TROLL	14235	997.53	0	10742.03					1985
TROLL-WINTER	WINTER-2	TROLL	8607	291.26	0	3412.71					1985

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